Special Issue

Advanced Air Mobility

Message from the Guest Editors

The seamless integration of unmanned traffic management (UTM) and air traffic management (ATM) is critical to fully unlocking the potential benefits of unmanned aerial systems (UAS) applications. Alongside the integration of UTM with the ATM system, an emerging Urban Air Mobility (UAM) focusing on passenger or cargo-carrying air transportation using specific corridors within an urban environment aims to further expand such integration towards the concept of Advanced Air Mobility. The Special Issue addresses the broad topics related to Advanced Air Mobility and welcomes papers dealing with, but not limited to:

- Airspace type and structure
- Advanced AAM services
- Separation and conflict management
- Integration with UTM/U-space and ATM
- AAM vehicle advances
- Vertiport operations
- Contingency management
- AAM Fleet management
- AAM Modelling and simulation
- AI/ML applications in AAM
- CNS technologies
- Autonomy and AI for AAM
- Safety assessment methodology
- Performance framework
- Verification and validation
- Regulations and frameworks
- Demonstrations

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2023)

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You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.
Aerospace adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

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